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ABSTRACT

Designed as a tool for vocational agriculture instructors to use in helping their students plan agricultural enterprises for their supervised occupational experience programs, these microcomputer programs enable students to analyze the records of various livestock and crop enterprises as well as the total supervised occupational education program. The three programs (which were successfully tested on students at California High School in California, Missouri) deal with the following topics: livestock enterprise analysis, crop enterprise analysis, and total farm analysis. The programs are written in the BASIC language. (MN)

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FINAL REPORT

USING THE MICROCOMPUTER TO ANALYZE THE HIGH SCHOOL STUDENTS SUPERVISED OCCUPATIONAL EXPERIENCE PROGRAM RECORDS

(PROJECT NO. 82-131/132-600-11 (068-070)(B))

A MICROCOMPUTER PROGRAM WRITTEN BY:

DALE L. RATCLIFF, INSTRUCTOR

VOCATIONAL AGRICULTURE

CALIFORNIA HIGH SCHOOL

CALIFORNIA, MO 65018

JUNE 17, 1982

MISSOURI DEPARTMENT OF EDUCATION
RESEARCH COORDINATING UNIT
JEFFERSON CITY, MISSOURI 65102

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ABSTRACT

Each year most, if not all Vocational Agriculture Instructors help their students analyze the records of the various livestock and crop enterprises as well as the total SOE Program. Analysis forms have been developed in the past by Vocational Agriculture Teachers cooperating with the Agric. Educ. Department, University of Missouri, and the Vocational Agriculture Section, State Department of Elementary and Secondary Education.

The objective of this project was to write a series of microcomputer programs that would allow the student to be able to analyze his/her SOE Program on the basis of the format that had been developed in the past.

The use of this series of microcomputer programs will be of value to anyone who is using the Missouri Young Farmer Record Book and has a microcomputer available because the programs allow the microcomputer to do all of the calculations after you have inputted the necessary data as it was requested by the computer.

STATEMENT OF THE PROBLEM:

In order for an individual to be able to correctly and properly make decisions concerning his/her farming program/operation, he/she must have reliable information about that operation. One method of obtaining information is to analyze the various enterprises at the end of the year so that you can really know how each one is performing in relation to the others on the same basis, i.e. cost per pound of gain, cost per bushel, percent return on investment, etc. This is a very extensive procedure, especially for a high school student. Generally, (based upon experience) the high school student (and many adults) will make mistakes when working through the analysis forms because they are quite complicated and somewhat hard to follow. As a result, many students will either not analyze their enterprises or will get some incorrect answers as they are working the analysis. With the problems that are present a program such as the one that is a result of this project should help students and teachers alike make decisions based upon more accurate information.

OBJECTIVES

The objective of this project was to write a microcomputer program in BASIC Language that would allow a student to enter the information concerning his/her SOE Program and the allow the computer to calculate and formulate an accurate analysis of either the livestock or crop enterprise, or the total farm.

That objective has been accomplished with the completion of three separate microcomputer programs -- one for Livestock

Enterprise Analysis, one for Crop Enterprise Analasis, and one for the total Farm Analysis.

POPULATION AND SAMPLE:

Each of the programs were tested by students at California High School this spring and the students were able to obtain a valid, accurate analysis with little or no assistance from the vocational agriculture instructor.

CONCLUSIONS AND RECOMMENDATIONS:

The objectives of the original project were all accomplished. It is the recommendation of the author of this document that students be allowed to have access to the microcomputer and to programs such as these that will help them with their SOE programs, as well as with other classes, etc. The microcomputer is a tool that can have a tremendous impact on education and agriculture in the future. We should attempt to take advantage of the opportunities that it provides.

DISCLAIMER:

"The activity which is the subject of this report was supported in whole or in part by funds from the Department of Elementary and Secondary Education, Division of Career and Adult Education. However, the opinions expressed herein do not necessarily reflect the position or policies of the Missouri Department of Elementary and Secondary Education or the Division of Career and Adult Education, and no official endorsement should be inferred."

LIVESTOCK ANALYSIS -- MYFA RECORD BOOK FORM 59

PROGRAM NAME: FORM59

A MICROCOMPUTER PROGRAM WRITTEN BY:

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VOCATIONAL AGRICULTURE
CALIFORNIA HIGH SCHOOL
CALIFORNIA, MO 65018

JUNE 1982

```
10 '**** PROGRAM NAME: FORM59 -- LIVESTOCK ANALYSIS -- MYFA RECORD
BOOK ****
20 CLS:CLEAR500
30 PRINTTAB(10)"************************************************"
                                                              **"
40 PRINTTAB(10)"**
50 PRINTTAB(10)"**          LIVESTOCK ENTERPRISE                **"
60 PRINTTAB(10)"**              ANALYSIS                        **"
70 PRINTTAB(10)"**                                              **"
80 PRINTTAB(10)"**      MYFA-MYFWA RECORD BOOK FORM 59          **"
90 PRINTTAB(10)"**                                              **"
100 PRINTTAB(10)"**           Program Written By:                **"
110 PRINTTAB(10)"**            DALE L. RATCLIFF                  **"
120 PRINTTAB(10)"**    Vocational Agriculture Instructor         **"
130 PRINTTAB(10)"**          California High School              **"
140 PRINTTAB(10)"**           California, MO 65018               **"
150 PRINTTAB(10)"**                                              **"
160 PRINTTAB(10)"************************************************"
170 PRINT@960,"Press Any Key to Begin ";
180 ZZ$=INKEY$:IFZZ$=""THEN180
190 A$="%                                    %  ##### HD. #######.##
LBS. $$########.##-"                                          %
200 B$="%
 $$########.##-"                             %              #######.##
210 C$="%
LBS. $$########.##-"                         %              #######.##"
220 D$="%                                                  %  ####.# Percent"
230 E$="%                                                  %  ###### Hours"
240 F$="%
250 CLS:PRINT"**********   LIVESTOCK ENTERPRISE ANALYSIS MENU
**********                                                          1
================================================================
==  ENTER INFORMATION INTO THE LIVESTOCK PROGRAM"
260 PRINT"    2  ==  MAKE ANOTHER PRINTOUT OF THE INFO. THAT WAS
ENTERED       3  ==  RUN THE CROP ANALYSIS PROGRAM (FORM 60)
      4  ==  RUN THE PROFIT & LOSS ANALYSIS PROGRAM (FORM 29)
 5  ==  QUIT USING THE COMPUTER FOR NOW"
270 PRINT@640,"WHAT DO YOU WANT TO DO  (ENTER 1, 2, 3, 4, OR 5)
";:INPUTXX
280 IFXX<0ORXX>5PRINT@640,CHR$(31):GOTO270
290 ONXXGOTO320  ,1720 ,300  ,310  ,2370
300 RUN"FORM60"
310 RUN"FORM29"
320 CLS:PRINT:INPUT"WHO IS THIS ANALYSIS FOR  (ENTER THE PERSON'S
NAME                ";N$
330 PRINT@896,"IS THE INFORMATION CORRECT  (Y/N)
";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO330
340 IFZ$="Y"THEN350  ELSE320
350 NA=LEN(N$):NB=43+NA:NC=INT((80-NB)/2)
360 GOSUB2330 :CLS:PRINT"WHAT ENTERPRISE IS THIS ANALYSIS FOR?"
370 PRINT"      BEEF -------- 1"
380 PRINT"      DAIRY ------- 2"
390 PRINT"      POULTRY ----- 3"
400 PRINT"      SHEEP ------- 4"
410 PRINT"      SWINE ------- 5"
420 PRINT"      HORSES ------ 6"
430 PRINT"      OTHER ------- 7"
440 PRINT:INPUT"ENTER THE NUMBER OF THE PROPER
ENTERPRISE";EC:IFEC<>1ANDEC<>2ANDEC<>3ANDEC<>4ANDEC<>5ANDEC<>6ANDEC<>7
GOTO360
450 ONECGOTO460  ,470  ,480  ,490  ,500  ,510  ,520
460 EC$="BEEF":GOTO550
```

```
470 EC$="DAIRY":GOTO550
480 EC$="POULTRY":GOTO550
490 EC$="SHEEP":GOTO550
500 EC$="SWINE":GOTO550
510 EC$="HORSES":GOTO550
520 CLS:PRINT:PRINT:LINEINPUT"WHAT IS THE NAME OF YOUR ENTERPRISE ?
";EC$
530 PRINT@896,"IS THE INFORMATION CORRECT (Y/N)
";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO530
540 IFZ$="Y"THEN550  ELSE520
550 CLS:PRINT"ENTER LIVESTOCK PRODUCTION VALUES AS THEY ARE CALLED
FOR"
560 PRINT:PRINT"ENTER ENDING LIVESTOCK INVENTORY FROM FORM 16"
570 PRINT:INPUT"NUMBER OF HEAD AT END OF YEAR";A1
580 PRINT:INPUT"WEIGHT OF LIVESTOCK AT END OF YEAR";A2
590 PRINT:INPUT"VALUE OF LIVESTOCK AT END OF YEAR";A3
600 PRINT@896,"ARE THE VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO600
610 IFZ$="Y"THEN620  ELSE550
620 CLS:PRINT"REFER TO FORMS 3, 4, OR 5 FOR THE FOLLOWING DATA"
630 PRINT:INPUT"HOW MANY HEAD WERE SOLD LAST YEAR";B1
640 PRINT:INPUT"WHAT WAS THE TOTAL WEIGHT OF THE ANIMALS SOLD LAST
YEAR";B2
650 PRINT:INPUT"WHAT WAS THE TOTAL VALUE OF THE ANIMALS SOLD LAST
YEAR";B3
660 PRINT@896,"ARE THE VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO660
670 IFZ$="Y"THEN680  ELSE620
680 CLS:PRINT"ENTER AN ESTIMATE OF LIVESTOCK USED AT HOME AND AS
GIFTS"
690 PRINT:INPUT"NUMBER OF HEAD";C1
700 PRINT:INPUT"WEIGHT OF LIVESTOCK";C2
710 PRINT:INPUT"VALUE OF LIVESTOCK";C3
720 PRINT@896,"ARE THE VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO720
730 IFZ$="Y"THEN740  ELSE680
740 D1=A1+B1+C1:D2=A2+B2+C2:D3=A3+B3+C3
750 CLS:PRINT"ENTER BEGINNING LIVESTOCK INVENTORY FORM FORM 16 AS
CALLED FOR"
760 PRINT:INPUT"NUMBER OF HEAD";E1
770 PRINT:INPUT"WEIGHT OF LIVESTOCK";E2
780 PRINT:INPUT"VALUE OF LIVESTOCK";E3
790 PRINT@896,"ARE THE VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO790
800 IFZ$="Y"THEN810  ELSE750
810 CLS:PRINT"ENTER YOUR PURCHASES AS THEY ARE CALLED FOR (BOTH
MARKET LSK.   AND BREEDING LSK. FROM FORMS 9 AND 10"
820 PRINT:INPUT"NUMBER OF HEAD";F1
830 PRINT:INPUT"WEIGHT OF LIVESTOCK PURCHASED";F2
840 PRINT:INPUT"COST OF LIVESTOCK PURCHASED";F3
850 PRINT@896,"ARE THE VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO850
860 IFZ$="Y"THEN870  ELSE810
870 G1=E1+F1
880 G2=E2+F2
890 G3=E3+F3
900 H1=D1-G1:H2=D2-G2:H3=D3-G3
910 IFH2=0THEN930
920 I=H3/H2
930 IFEC=1OREC=5OREC=6THEN990  ELSE940
940 CLS:PRINT"ENTER LIVESTOCK PRODUCTS INFORMATION AS CALLED FOR"
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950 PRINT:INPUT"AMOUNT OF LIVESTOCK PRODUCTS SOLD (FORM 3)";J1
960 PRINT:INPUT"VALUE OF LIVESTOCK PRODUCTS SOLD (FORM 3, COLUMNS 12
OR 13)";J2
970 PRINT@896,"ARE THE VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO970
980 IFZ$="Y"THEN990  ELSE940
990 IFJ1=0ORJ2=0GOTO1020
1000 IFJ1=0THEN1020
1010 K=J2/J1
1020 IFEC=1OREC=5OREC=6GOTO1040
1030 IFEC=2OREC=3OREC=4GOTO1070
1040 L1=H2/100
1050 L3=H2
1060 L2=H3:GOTO1130
1070 IFK=0THEN1100
1080 IFK=0THEN1100
1090 K1=H3/K
1100 L3=K1+J1
1110 L2=H3-J2
1120 L1=L3/.00
1130 CLS:PRINT"ENTER PRODUCTION COSTS & RETURNS AS CALLED FOR"
1140 PRINT:INPUT"ENTER THE WEIGHT OF ALL PURCHASED FEED";M1
1150 PRINT:INPUT"ENTER THE COST OF ALL PURCHASED FEED";M2
1160 PRINT:INPUT"ENTER THE WEIGHT OF ALL HOME-RAISED FEED";N1
1170 PRINT:INPUT"ENTER THE VALUE OF ALL HOME-RAISED FEED";N2
1180 PRINT@896,"ARE THE VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO1180
1190 IFZ$="Y"THEN1200 ELSE1130
1200 O1=M1+N1:O2=M2+N2
1210 IFL1=0THEN1240
1220 P=O1/L1
1230 Q=O2/L1
1240 CLS:PRINT"ENTER OTHER COSTS AS THEY ARE CALLED FOR"
1250 PRINT:INPUT"VET., MED. COSTS";R
1260 PRINT:INPUT"BREEDING & REGIS. FEES";S
1270 PRINT:INPUT"MACH. & TRUCK HIRE";T
1280 PRINT:INPUT"TOTAL OF ALL OTHER COSTS";U
1290 PRINT@896,"ARE ALL VALUES ENTERED ABOVE CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO1290
1300 IFZ$="Y"THEN1310 ELSE1240
1310 V=O2+R+S+T+U:X=L2-V
1320 IFL1=0THEN1340
1330 W=V/L1:V1=X/L1
1340 CLS:INPUT"ENTER THE COST OF MACH. REPAIRS CHARGED TO THIS
ENTERPRISE";Z1
1350 PRINT:INPUT"ENTER THE COST OF BLDG., & FENCE REPAIRS CHARGED TO
THIS        ENTERPRISE";Z2
1360 PRINT@896,"ARE THE VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>="N"GOTO1360
1370 IFZ$="Y"THEN1390 ELSE1340
1380 Z3=Z1+Z2
1390 CLS:PRINT"ENTER THE INFORMATION AS CALLED FOR BELOW"
1400 PRINT:INPUT"ENTER THE TOTAL VALUE OF FEED & LSK. SUPPLIES AT THE
BEGINNING  OF THE YEAR";I3
1410 INPUT"ENTER THE TOTAL VALUE OF FEED & LSK. SUPPLIES AT THE END
OF THE YEAR";I4
1420 INPUT"ENTER THE TOTAL VALUE OF LSK. BLDGS., MACH., & EQUIP. AT
THE    BEGINNING OF THE YEAR";I6
1430 INPUT"ENTER THE TOTAL VALUE OF LSK. BLDGS., MACH., & EQUIP. AT
THE    END OF THE YEAR";I7
1440 INPUT"ENTER THE INTEREST RATE YOU WISH TO USE  (EXAMPLE -- ENTER
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9.5% AS '9.5')";I9:PRINT
1450 PRINT"ARE ALL OF THE VALUES ENTERED ABOVE CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO1450
1460 IFZ$="Y"THEN1470 ELSE1390
1470 I1=(A3+E3)/2:I2=(I3+I4)/2:I5=(I6+I7)/2
1480 I8=I1+I2+I5
1490
IFI8=0THENI8=F3'***ONFEEDERLIVESTOCKWITHNOBEGINNINGORENDINGINVENTORIES
LETINTERPRISEINVESTMENT=COSTOFPURCHASEDLIVESTOCKETC.***
1500 IV=I9*I8/100
1510 CLS:INPUT"ENTER THE TOTAL AMOUNT OF DEPRECIATION WHICH YOU WISH
TO CHARGE TO THIS ENTERPRISE";DP
1520 PRINT:INPUT"ENTER THE TOTAL VALUE OF ALL OTHER COSTS YOU WISH TO
CHARGE TO  THIS ENTERPRISE";OC
1530 PRINT@896,"ARE ALL VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO1530
1540 IFZ$="Y"THEN1550 ELSE1510
1550 TV=Z3+IV+DP+OC
1560 IFL1=0THEN1580
1570 CP=(V+TV)/L1
1580 RL=X-TV
1590 IFL1=0THEN1610
1600 RC=RL/L1
1610 CLS:PRINT"ENTER THE VALUES AS THEY ARE CALLED FOR BELOW"
1620 PRINT:INPUT"ENTER THE ESTIMATED NUMBER OF HOURS OF LABOR USED
FOR THIS      ENTERPRISE LAST YEAR";HR
1630 PRINT:INPUT"WHAT WAGE RATE DO YOU WISH TO USE FOR YOUR LABOR";VL
1640 PRINT@896,"ARE ALL VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO1640
1650 IFZ$="Y"THEN1660 ELSE1610
1660 AM=HR*VL
1670 RT=RL-AM
1680 RN=RT+IV
1690 IFRC<0THEN250  ELSE1700
1700 IFI8=0THEN1720
1710 RI=(RN/I8)*100
1720 CLS:PRINT"****  PREPARE THE PRINTER FOR PRINTING OUT THE
INFORMATION ****"
1730 PRINT:INPUT"********** PRESS ENTER WHEN YOU ARE READY
**********";Z$
1740 LPRINT:LPRINT
1750 LPRINTTAB(13)"***  CALIFORNIA VOCATIONAL AGRICULTURE DEPARTMENT
***":LPRINT
1760 LPRINTTAB(22)"*** ";EC$;" ENTERPRISE ANALYSIS ***":LPRINT
1770 LPRINTTAB(NC)"***  ENTERPRISE ANALYSIS PREPARED FOR: ";N$;"
***":LPRINT
1780 LPRINTTAB(24)"LIVESTOCK PRODUCTION INFORMATION"
1790 LPRINTSTRING$(78,"=")
1800 LPRINTUSINGA$;"ENDING INVENTORY";A1;A2;A3
1810 LPRINTUSINGA$;"NUMBER OF HEAD SOLD";B1;B2;B3
1820 LPRINTUSINGA$;"HEAD USED AT HOME, & FOR GIFTS";C1;C2;C3
1830 LPRINTUSINGA$;"*** TOTAL ENDING INV. & SALES ***";D1;D2;D3
1840 LPRINTUSINGA$;"BEGINNING INVENTORY";E1;E2;E3
1850 LPRINTUSINGA$;"NUMBER OF HEAD PURCHASES";F1;F2;F3
1860 LPRINTUSINGA$;"*** TOTAL BEG. INV. & PURCH. ***";G1;G2;G3
1870 LPRINTUSINGA$;"*** TOTAL LIVESTOCK PRODUCTION ***";H1;H2;H3
1880 IFEC=1OREC=5OREC=6GOTO1940
1890 LPRINTUSINGB$;"VALUE PER POUND OF PRODUCTION";I
1900 LPRINTTAB(31)"LIVESTOCK PRODUCTS"
1910 LPRINTSTRING$(78,"=")
1920 LPRINTUSINGC$;"LIVESTOCK PRODUCTS SOLD";J1;J2
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1930 LPRINTUSINGB$;"AVERAGE PRICE PER UNIT OF PRODUCTION";K
1940 LPRINTTAB(26)"PRODUCTION COSTS AND RETURNS"
1950 LPRINTSTRING$(78,"=")
1960 LPRINTUSINGC$;"*** TOTAL OF ALL PRODUCTION ***";L3;L2
1970 LPRINTUSINGC$;"PURCHASED FEED";M1;M2
1980 LPRINTUSINGC$;"HOME RAISED FEED";N1;N2
1990 LPRINTUSINGC$;"*** TOTAL OF ALL FEED ***";O1;O2
2000 LPRINTUSINGD$;"*** POUNDS FEED PER 100# PRODUCTION ***";P
2010 LPRINTUSINGB$;"*** FEED COST PER 100# PRODUCTION ***";Q
2020 LPRINTUSINGB$;"VET. AND MEDICINE EXPENSE";R
2030 LPRINTUSINGB$;"BREEDING AND REGISTRATION FEES";S
2040 LPRINTUSINGB$;"MACHINERY AND TRUCK HIRE";T
2050 LPRINTUSINGB$;"OTHER EXPENSES";U
2060 LPRINTUSINGB$;"****TOTAL DIRECT COSTS ****";V
2070 LPRINTUSINGB$;"DIRECT COSTS PER 100# PRODUCTION";W
2080 LPRINTUSINGB$;"RETURN TO LABOR, CAPITAL & MGMT.";X
2090 LPRINTUSINGB$;"INCOME OVER DIRECT COSTS";V1
2100 LPRINTTAB(27)"OVERHEAD COSTS AND RETURNS"
2110 LPRINTSTRING$(78,"=")
2120 LPRINTUSINGB$;"MACHINERY REPAIRS";Z1
2130 LPRINTUSINGB$;"BLDG. AND FENCE REPARIRS";Z2
2140 LPRINTUSINGB$;"AVERAGE LSK. INVENTORY";I1
2150 LPRINTUSINGB$;"AVE. FEED AND SUPPLIES INVENTORY";I2
2160 LPRINTUSINGB$;"AVE. INVESTMENT IN BLDGS.";I5
2170 LPRINTUSINGB$;"*** TOTAL ENTERPRISE INVESTMENT ***";I8
2180 LPRINTUSINGE$;"INTEREST RATE USED";I9
2190 LPRINTUSINGB$;"INTEREST ON INVESTMENT";IV
2200 LPRINTUSINGB$;"ENTERPRISE SHARE OF DEPR.";DP
2210 LPRINTUSINGB$;"OTHER COSTS";OC
2220 LPRINTUSINGB$;"TOTAL OVERHEAD COSTS";TV
2230 LPRINTUSINGB$;"TOTAL COSTS PER 100# PROD.";CP
2240 LPRINTUSINGB$;"*** RETURN TO LABOR & MANAGEMENT ***";RL
2250 LPRINTUSINGB$;"*** RETURNS TO LABOR & MGMT. PER 100# PROD.
***";RC
2260 LPRINTUSINGF$;"ESTIMATED LABOR HOURS";HR
2270 LPRINTUSINGB$;"OPERATOR WAGE RATE USED";VL
2280 LPRINTUSINGB$;"LABOR & MANAGEMENT CHARGE";AM
2290 LPRINTUSINGB$;"DOLLARS RETURN ON INVESTMENT";RN:LPRINT
2300 LPRINTUSINGE$;"*** PERCENT RETURN ON INVESTMENT ***";RI
2310 LPRINT:LPRINT
2320 GOTO250
2330
A1=0:A2=0:A3=0:B1=0:B2=0:B3=0:C1=0:C2=0:C3=0:D1=0:D2=0:D3=0:E1=0:E2=0:
E3=0:F1=0:F2=0:F3=0:G1=0:G2=0:G3=0:H1=0:H2=0:H3=0
2340
I=0:I1=0:I2=0:I3=0:I4=0:I5=0:I6=0:I7=0:I8=0:I9=0:IV=0:J1=0:J2=0:K=0:K1
=0:L1=0:L2=0:L3=0:M1=0:M2=0:N1=0:N2=0:O1=0:O2=0:P=0:Q=0:R=0:S=0:T=0:U=
0:V=0:V1=0:W=0
2350
Z1=0:Z2=0:Z3=0:TV=0:DP=0:OC=0:RL=0:X=0:RC=0:HR=0:VL=0:AM=0:RN=0:RT=0:R
I=0
2360 RETURN
2370 CLS:END
```

CROP ANALYSIS -- MYFA RECORD BOOK FORM 60

PROGRAM NAME: FORM60

A MICROCOMPUTER PROGRAM WRITTEN BY:

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CALIFORNIA, MO 65018

JUNE 1982

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10 '**** PROGRAM NAME: FORM60 -- CROP ANALYSIS -- MYFA RECORD BOOK
****
20 CLS:CLEAR500
30 PRINTTAB(10)"**********************************************"
40 PRINTTAB(10)"**                                          **"
50 PRINTTAB(10)"**              CROP ENTERPRISE             **"
60 PRINTTAB(10)"**                 ANALYSIS                 **"
70 PRINTTAB(10)"**                                          **"
80 PRINTTAB(10)"**       MYFA-MYFWA RECORD BOOK FORM 60     **"
90 PRINTTAB(10)"**                                          **"
100 PRINTTAB(10)"**            Program Written By:           **"
110 PRINTTAB(10)"**             DALE L. RATCLIFF             **"
120 PRINTTAB(10)"**    Vocational Agriculture Instructor     **"
130 PRINTTAB(10)"**         California High School           **"
140 PRINTTAB(10)"**          California, MO 65018            **"
150 PRINTTAB(10)"**                                          **"
160 PRINTTAB(10)"**********************************************"
170 PRINT@960,"Press Any Key to Begin ";
180 ZZ$=INKEY$:IFZZ$=""THEN180
190 A$="%                                        %              #######.## BU.
 $$########.##-"
200 A1$="%                                        %  ##### AC.  #######.##
BU.  $$########.##-"
210 A2$="%                                           %       #######.##
AC.  $$########.##-"
220 B$="%                                                    %
 $$########.##-"
230 C$="%                                        %              #######.##
LBS. $$########.##-"
240 D$="%                                        %              #######.##"
250 E$="%                                              %  ####.# Percent"
260 E1$="%                                               %          ####.#
BU."
270 F$="%                                               %  ###### Hours"
280 CLS:PRINT"  **********   CROP ENTERPRISE ANALYSIS MENU
**********
================================================================        1
==  ENTER INFORMATION INTO THE CROP ANALYSIS PROGRAM"
290 PRINT"   2  ==  MAKE ANOTHER PRINTOUT OF THE ANALYSIS
      3  ==  RUN THE LIVESTOCK ANALYSIS PROGRAM (FORM 59)
 4  ==  RUN THE PROFIT & LOSS ANALYSIS PROGRAM (FORM 29)          5
==  QUIT USING THE COMPUTER"
300 PRINT@640,"WHICH DO YOU WANT TO DO (ENTER 1, 2, 3, 4, OR 5)
";:INPUTXX
310 IFXX<1ORXX>5PRINT@640,CHR$(31):GOTO300
320 ONXXGOTO350,1540,330,340,2190
330 RUN"FORM59"
340 RUN"FORM29"
350 CLS:PRINT:INPUT"WHO IS THIS ANALYSIS FOR  (ENTER THE PERSON'S
NAME              ";N$
360 PRINT@896,"IS THE INFORMATION CORRECT  (Y/N)
";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO360
370 IFZ$="Y"THEN380ELSE350
380 NA=LEN(N$):NB=43+NA:NC=INT((80-NB)/2)
390 GOSUB2150:CLS:PRINT"WHAT ENTERPRISE IS THIS ANALYSIS FOR?"
400 PRINT" 1 = CORN"
410 PRINT" 2 = GRASS/LEGUME SEED"
420 PRINT" 3 = MILO"
430 PRINT" 4 = OATS"
440 PRINT" 5 = SOYBEANS"
450 PRINT" 6 = WHEAT"
```

```
460 PRINT:INPUT"ENTER THE NUMBER OF THE PROPER
ENTERPRISE";EC:IFEC<>1ANDEC<>2ANDEC<>3ANDEC<>4ANDEC<>5ANDEC<>6GOTO390
470 ONECGOTO480,490,500,510,520,530
480 EC$="CORN":GOTO540
490 EC$="GRASS/LEGUME SEED":GOTO540
500 EC$="MILO":GOTO540
510 EC$="OATS":GOTO540
520 EC$="SOYBEANS":GOTO540
530 EC$="WHEAT":GOTO540
540 CLS:PRINT"ENTER CROP PRODUCTION VALUES AS THEY ARE CALLED FOR"
550 PRINT:PRINT"ENTER ENDING CROP INVENTORY FROM FORM 17"
560 PRINT:INPUT"NUMBER OF ACRES PRODUCED THIS YEAR";H1
570 PRINT:INPUT"BUSHELS OF GRAIN ON HAND";A2
580 PRINT:INPUT"VALUE OF GRAIN ON HAND";A3
590 PRINT@896,"ARE THE VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO590
600 IFZ$="Y"THEN610ELSE540
610 CLS:PRINT"REFER TO FORMS 3, 4, OR 5 FOR THE FOLLOWING DATA"
620 PRINT:INPUT"HOW MANY BUSHELS OF GRAIN WAS SOLD LAST YEAR";B2
630 PRINT:INPUT"WHAT WAS THE TOTAL VALUE OF THE GRAIN SOLD LAST
YEAR";B3
640 PRINT@896,"ARE THE VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO640
650 IFZ$="Y"THEN660ELSE610
660 CLS:PRINT"ENTER AN ESTIMATE OF THE AMOUNT OF GRAIN THAT WAS USED
AT HOME  LAST YEAR"
670 PRINT:INPUT"BUSHELS OF GRAIN USED AT HOME";C2
680 PRINT:INPUT"VALUE OF GRAIN USED AT HOME";C3
690 PRINT@896,"ARE THE VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO690
700 IFZ$="Y"THEN710ELSE660
710 D2=A2+B2+C2:D3=A3+B3+C3
720 CLS:PRINT"ENTER BEGINNING CROP INVENTORY FROM FORM 17 AS CALLED
FOR"
730 PRINT:INPUT"BUSHELS OF GRAIN";E2
740 PRINT:INPUT"VALUE OF GRAIN";E3
750 PRINT@896,"ARE THE VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO750
760 IFZ$="Y"THEN770ELSE720
770 CLS:PRINT"ENTER YOUR PURCHASES OF GRAIN FROM FORMS 7, 8, 9, &/OR
10"
780 PRINT:INPUT"BUSHELS OF GRAIN PURCHASED";F2
790 PRINT:INPUT"COST OF GRAIN PURCHASED";F3
800 PRINT@896,"ARE THE VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO800
810 IFZ$="Y"THEN820ELSE770
820 G2=E2+F2
830 G3=E3+F3
840 H2=D2-G2:H3=D3-G3
850 IFH2=0THEN870
860 I=H3/H2
870 CLS:PRINT"ENTER CROP BY-PRODUCTS INFORMATION AS CALLED FOR"
880 PRINT:INPUT"AMOUNT OF CROP BY-PRODUCTS SOLD (FORM 2)";J1
890 PRINT:INPUT"VALUE OF CROP BY-PRODUCTS SOLD (FORM 2, COLUMNS 1
THRU 4)";J2
900 PRINT:INPUT"AMOUNT OF CROP BY-PRODUCTS USED AT HOME (FORM 2)";J3
910 PRINT:INPUT"VALUE OF CROP BY-PRODUCTS USED AT HOME (FORM 2,
COLUMNS 1 TO 4)";J4
920 PRINT@896,"ARE THE VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO920
930 IFZ$="Y"THEN940ELSE870
```

```
940 J5=J1+J3:J6=J2+J4
950 IFJ5=0ORJ6=0THEN1000ELSE970
960 IFJ5=0THEN980
970 K=J6/J5
980 IFI=0THEN1000
990 K1=J6/I
1000 K3=H2+K1
1010 K4=H3+J6
1020 K2=H1
1030 IFK2=0THEN1050
1040 K5=K3/K2
1050 CLS:PRINT"ENTER PRODUCTION COSTS & RETURNS AS CALLED FOR"
1060 PRINT:INPUT"ENTER THE COST OF ALL FERTILIZER";M1
1070 INPUT"ENTER THE COST OF LIME FOR THIS YEAR'S SHARE";M3
1080 INPUT"ENTER THE COST OF ALL CROP CHEMICALS";M2
1090 INPUT"ENTER THE COST OF ALL CROP SEED";N1
1100 INPUT"ENTER THE COST OF ALL CROP SUPPLIES";N2
1110 INPUT"ENTER THE COST OF MACHINERY HIRE";N3
1120 INPUT"ENTER THE COST OF TRUCK HIRE";N4
1130 INPUT"ENTER THE COST OF CASH RENT";N5
1140 INPUT"ENTER THE TOTAL OF ALL OTHER COSTS";N6
1150 PRINT@896,"ARE THE VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO1150
1160 IFZ$="Y"THEN1170ELSE1050
1170 DC=M1+M2+M3+N1+N2+N3+N4+N5+N6
1180 IFK3=0THEN1200
1190 DU=DC/K3
1200 RC=K4-DC
1210 IFK2=0THEN1230
1220 IC=RC/K2
1230 CLS:PRINT"ENTER OTHER COSTS AS THEY ARE CALLED FOR"
1240 PRINT:INPUT"COST OF INSURANCE";R
1250 PRINT:INPUT"COST OF TAXES";S
1260 PRINT:INPUT"DEPRECIATION CHARGED TO THIS ENTERPRISE";DP
1270 PRINT@896,"ARE ALL VALUES ENTERED ABOVE CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO1270
1280 IFZ$="Y"THEN1290ELSE1230
1290 CLS:PRINT"ENTER THE INFORMATION AS CALLED FOR BELOW"
1300 PRINT:INPUT"ENTER THE VALUE OF THE LAND PER ACRE USED FOR THIS
CROP";LV
1310 PRINT:INPUT"WHAT IS THIS ENTERPRISES' SHARE OF YOUR MACHINERY
INVESTMENT    PER ACRE OF THIS CROP";MV
1320 PRINT:INPUT"ENTER THE INTEREST RATE YOU WISH TO USE  (EXAMPLE --
ENTER 9.5% AS '9.5')";I1
1330 PRINT@896,"ARE ALL OF THE VALUES ENTERED ABOVE CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO1330
1340 IFZ$="Y"THEN1350ELSE1290
1350 EV=LV+MV
1360 IV=I1*EV/100
1370 OV=R+S+DP+IV
1380 IFK3=0THEN1400
1390 TC=(DC+OV)/K3
1400 RL=RC-OV
1410 IFK2=0THEN1430
1420 NI=RL/K2
1430 CLS:PRINT"ENTER THE VALUES AS THEY ARE CALLED FOR BELOW"
1440 PRINT:INPUT"ENTER THE ESTIMATED NUMBER OF HOURS OF LABOR USED
FOR THIS      ENTERPRISE LAST YEAR";HR
1450 PRINT:INPUT"WHAT WAGE RATE DO YOU WISH TO USE FOR YOUR LABOR";VL
1460 PRINT@896,"ARE ALL VALUES JUST ENTERED CORRECT?
(Y/N)";:INPUTZ$:IFZ$<>"Y"ANDZ$<>"N"GOTO1460
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1470 IFZ$="Y"THEN1480ELSE1430
1480 AM=HR*VL
1490 RT=RL-AM
1500 RN=RT+IV
1510 IFRL<0THEN280ELSE1520
1520 IFEV=0THEN1540
1530 RI=(RN/EV)*100
1540 CLS:PRINT"****  PREPARE THE PRINTER FOR PRINTING OUT THE
INFORMATION ****"
1550 PRINT:INPUT"********* PRESS ENTER WHEN YOU ARE READY
**********";Z$
1560 LPRINT:LPRINT
1570 LPRINTTAB(13)"***  CALIFORNIA VOCATIONAL AGRICULTURE DEPARTMENT
***":LPRINT
1580 LPRINTTAB(22)"*** ";EC$;" ENTERPRISE ANALYSIS ***":LPRINT
1590 LPRINTTAB(NC)"***  ENTERPRISE ANALYSIS PREPARED FOR: ";N$;"
***":LPRINT
1600 LPRINTTAB(27)"CROP PRODUCTION INFORMATION"
1610 LPRINTSTRING$(78,"=")
1620 LPRINTUSINGA$;"ENDING INVENTORY";A2;A3
1630 LPRINTUSINGA$;"AMOUNT OF THE CROP SOLD";B2;B3
1640 LPRINTUSINGA$;"AMOUNT OF CROP USED AT HOME";C2;C3
1650 LPRINTUSINGA$;"*** TOTAL ENDING INV. & SALES ***";D2;D3
1660 LPRINTUSINGA$;"BEGINNING INVENTORY";E2;E3
1670 LPRINTUSINGA$;"PURCHASES OF GRAIN";F2;F3
1680 LPRINTUSINGA$;"*** TOTAL BEG. INV. & PURCH. ***";G2;G3
1690 LPRINTUSINGA1$;"*** TOTAL CROP PRODUCTION ***";H1;H2;H3
1700 LPRINTUSINGB$;"VALUE PER BUSHEL OF PRODUCTION";I
1710 LPRINTTAB(32)"CROP BY-PRODUCTS"
1720 LPRINTSTRING$(78,"=")
1730 LPRINTUSINGA2$;"CROP BY-PRODUCTS SOLD";J1;J2
1740 LPRINTUSINGA2$;"CROP BY-PRODUCTS USED AT HOME";J3;J4
1750 LPRINTUSINGA2$;"*** TOTAL CROP BY-PRODUCTS ***";J5;J6
1760 LPRINTUSINGB$;"AVERAGE PRICE PER UNIT OF PRODUCTION";K
1770 LPRINTTAB(26)"PRODUCTION COSTS AND RETURNS"
1780 LPRINTSTRING$(78,"=")
1790 LPRINTUSINGA1$;"*** TOTAL OF ALL PRODUCTION ***";K2;K3;K4
1800 LPRINTUSINGE1$;"*** YIELD PER ACRE ***";K5
1810 LPRINTUSINGB$;"FERTILIZER COST";M1
1820 LPRINTUSINGB$;"LIME COST PER ACRE THIS YEAR";M3
1830 LPRINTUSINGB$;"CROP CHEMICAL COST";M2
1840 LPRINTUSINGB$;"SEED COST";N1
1850 LPRINTUSINGB$;"CROP SUPPLIES";N2
1860 LPRINTUSINGB$;"MACHINERY HIRE";N3
1870 LPRINTUSINGB$;"TRUCK HIRE";N4
1880 LPRINTUSINGB$;"CASH RENT";N6
1890 LPRINTUSINGB$;"OTHER EXPENSES";N6
1900 LPRINTUSINGB$;"****TOTAL DIRECT COSTS ****";DC
1910 LPRINTUSINGB$;"DIRECT COSTS PER BU. PRODUCTION";DU
1920 LPRINTUSINGB$;"RETURN TO LABOR, CAPITAL & MGMT.";RC
1930 LPRINTUSINGB$;"INCOME OVER DIRECT COSTS";IC
1940 LPRINTTAB(27)"OVERHEAD COSTS AND RETURNS"
1950 LPRINTSTRING$(78,"=")
1960 LPRINTUSINGB$;"INSURANCE COST";R
1970 LPRINTUSINGB$;"TAXES";S
1980 LPRINTUSINGB$;"DEPRECIATION CHARGE TO ENTERPRISE";DP
1990 LPRINTUSINGB$;"INVESTMENT PER ACRE IN LAND";LV
2000 LPRINTUSINGB$;"INVESTMENT IN MACH. FOR ENTERPRISE";MV
2010 LPRINTUSINGB$;"*** TOTAL ENTERPRISE INVESTMENT ***";EV
2020 LPRINTUSINGE$;"INTEREST RATE USED";I1
2030 LPRINTUSINGB$;"INTEREST ON INVESTMENT";IV
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2040 LPRINTUSINGB$;"TOTAL OVERHEAD COSTS";OV
2050 LPRINTUSINGB$;"TOTAL OVERHEAD COSTS PER BUSHEL";TC
2060 LPRINTUSINGB$;"*** RETURN TO LABOR & MANAGEMENT ***";RL
2070 LPRINTUSINGB$;"*** NET INCOME PER ACRE ***";NI
2080 LPRINTUSINGF$;"ESTIMATED LABOR HOURS";HR
2090 LPRINTUSINGB$;"OPERATOR WAGE RATE USED";VL
2100 LPRINTUSINGB$;"LABOR & MANAGEMENT CHARGE";AM
2110 LPRINTUSINGB$;"DOLLARS RETURN ON INVESTMENT";RN:LPRINT
2120 LPRINTUSINGE$;"*** PERCENT RETURN ON INVESTMENT ***";RI
2130 LPRINT:LPRINT
2140 GOTO280
2150
A2=0:A3=0:B2=0:B3=0:C2=0:C3=0:D2=0:D3=0:E2=0:E3=0:F2=0:F3=0:G2=0:G3=0:
H1=0:H2=0:H3=0
2160
I=0:IV=0:J1=0:J2=0:J3=0:J4=0:J5=0:J6=0:K=0:K1=0:K2=0:K3=0:K4=0:K5=0:M1
=0:M2=0:M3=0:N1=0:N2=0:N3=0:N4=0:N5=0:N6=0:R=0:S=0
2170
DC=0:DU=0:RC=0:IC=0:DP=0:IV=0:OV=0:TC=0:RL=0:NI=0:HR=0:VL=0:AM=0:RN=0:
RI=0
2180 RETURN
2190 CLS:END
```

PROFIT & LOSS STATEMENT & ANALYSIS
MYFA RECORD BOOK FORM 29

PROGRAM NAME: FORM29

A MICROCOMPUTER PROGRAM WRITTEN BY:

DALE L. RATCLIFF, INSTRUCTOR
VOCATIONAL AGRICULTURE
CALIFORNIA HIGH SCHOOL
CALIFORNIA, MO 65018

JUNE 1982

```
10 '**** PROGRAM NAME: FORM29 -- MYFA RECORD BOOK -- PROFIT & LOSS
STATEMENT ANALYSIS ****
20 CLEAR1000
30 CLS
40 PRINTTAB(10)"************************************************"
50 PRINTTAB(10)"**                                            **"
60 PRINTTAB(10)"**                PROFIT & LOSS               **"
70 PRINTTAB(10)"**                  ANALYSIS                  **"
80 PRINTTAB(10)"**                                            **"
90 PRINTTAB(10)"**       MYFA-MYFWA RECORD BOOK FORM 29       **"
100 PRINTTAB(10)"**                                           **"
110 PRINTTAB(10)"**             Program Written By:           **"
120 PRINTTAB(10)"**              DALE L. RATCLIFF             **"
130 PRINTTAB(10)"**    Vocational Agriculture Instructor      **"
140 PRINTTAB(10)"**         California High School            **"
150 PRINTTAB(10)"**          California, MO 65018             **"
160 PRINTTAB(10)"**                                           **"
170 PRINTTAB(10)"************************************************"
180 PRINT@960,"Press Any Key to Begin ";
190 Z7$=INKEY$:IFZZ$=""THEN190
200 X$="%                                              %
$$####,###,###.##-"
210 Y$="%                                     %  ##,###
$$####,###,###.##-"
220 W$="%                                     %  ##,###"
230 W1$="%                                           %
##,###.##"
240 CLS:LINEINPUT"WHAT IS YOUR NAME? ";N$
250 LINEINPUT"ROUTE, BOX #, OR STREET ADDRESS?  ";R$
260 PRINT
270 LINEINPUT"CITY, STATE & ZIP CODE? ";C$
280 PRINT@896,"IS THE NAME, ADDRESS, ETC. IS CORRECT  (YES OR NO)
";:INPUTA$:A$=LEFT$(A$,1)
290 IFA$="Y"THEN300ELSEIFA$="N"THEN240ELSE280
300 CLS:PRINT@20,"** *  RECEIPTS  ****"
310 PRINT@64,"INPUT YOUR RECEIPTS AS THEY ARE CALLED FOR ----":PRINT
320 INPUT"CROP SALES (F. 27, L.1)";A1
330 INPUT"CROP SALES (F. 27, L.2)";A2
340 INPUT"CROP SALES (F. 27, L.3)";A3
350 INPUT"CROP SALES (F. 27, L.4)";A4
360 INPUT"GOVT. PAYMENTS (F. 27, L.5)";A5
370 INPUT"CUSTOM WORK (F. 27, L.6)";A6
380 INPUT"DIVIDENDS, REFUNDS, RESALES (F. 27, L.7)";A7
390 INPUT"CASH RENT, OTHER FARM (F. 27, L.8)";A8
400 INPUT"NON-BREEDING LSK. SALES (F. 27, L.9)";B1
410 INPUT"NON-BREEDING LSK. SALES (F. 27, L.10)";B2
420 CLS:PRINT"HERE IS THE INFO. YOU ENTERED:":PRINT"CROP SALES (F.
27, L.1)  ";A1:PRINT"CROP SALES (F. 27, L.2)  ";A2:PRINT"CROP SALES
(F. 27, L.3)  ";A3:PRINT"CROP SALES (F. 27, L.4)  ";A4:PRINT"GOVT.
PYMTS. (F. 27, L.5)  ";A5
430 PRINT"CUSTOM WORK (F. 27, L.6)  ";A6:PRINT"DIV.,REF.,RESALES (F.
27, L.7)  ";A7:PRINT"CASH RENT, OTHER (F. 27, L.8)
";A8:PRINT"NON-BREEDING LSK. (F. 27, L.9)  ";B1:PRINT"NON-BREEDING
LSK. (F. 27, L.10) ";B2:PRINT
440 PRINT@896,"ARE ALL ENTRIES CORRECT (YES OR NO)
";:INPUTA$:A$=LEFT$(A$,1)
450 IFA$="Y"THEN480ELSEIFA$="N"THEN460ELSE440
460 CLS:PRINT"IF THE ENTRY IS CORRECT, HIT 'ENTER' -- IF INCORRECT,
ENTER THE CORRECT AMOUNT AND THEN HIT 'ENTER'
470 GOTO320
480 CLS:PRINT"CONTINUE TO INPUT RECEIPTS PLEASE":PRINT
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490 INPUT"NON-BREEDING LSK. SALES (F. 27, L.11)";B3
500 INPUT"LSK. PRODUCT SALES (F. 27, L.12)";B4
510 INPUT"LSK. PRODUCT SALES (F. 27, L.13)";B5
520 INPUT"BREEDING LSK. SALES (F. 27, L.14)";B6
530 INPUT"BREEDING LSK. SALES (F. 27, L.15)";B7
540 INPUT"BREEDING LSK. SALES (F. 27, L.16)";B8
550 INPUT"MACH.,EQUIP.,BLDGS. SOLD (F. 27, L.17)";B9
560 CLS:PRINT"HERE IS THE INFORMATION YOU
ENTERED:":PRINT"NON-BREEDING LSK. (F. 27, L.11)
";B3:PRINT"LIVESTOCK PRODUCTS (F. 27, L.12)  ";B4:PRINT"LIVESTOCK
PRODUCT (F. 27, L.13)  ";B5:PRINT"BREEDING LSK. SALES (F. 27, L.14)
";B6
570 PRINT"BREEDING LSK. SALES (F. 27, L.15)  ";B7:PRINT"BREEDING LSK.
SALES (F. 27, L.16)  ";B8:PRINT"MACH., EQUIP., BLDGS. SOLD (F. 27,
L.17)  ";B9:PRINT
580 PRINT@896,"ARE THE ENTRIES CORRECT (YES OR NO)
";:INPUTA$:A$=LEFT$(A$,1)
590 IFA$="Y"THEN620ELSEIFA$="N"THEN600ELSE580
600 PRINT:PRINT"IF THE ENTRY IS CORRECT, HIT 'ENTER' -- IF INCORRECT,
ENTER THE CORRECT AMOUNT AND THEN HIT 'ENTER'"
610 PRINT:PRINT:PRINT:GOTO490
620 CS=A1+A2+A3+A4:REMCS=CROPSALES
630 MR=A5+A6+A7+A8:REMMR=MISC.REC.
640 NB=B1+B2+B3:REMNB=NON-BREEDINGLSK.SALES
650 LP=B4+B5:REMLP=LSK.PROD.SALES
660 CP=B6+B7+B8+B9:REMCP=CAPITALSALES
670 R=CS+MR+NB+LP+CP
680 CLS:PRINT:PRINT"TOTAL FARM RECEIPTS EQUALS  $";R:PRINT"
(THIS SHOULD BE THE SAME AS LINE C, FORM 27)":PRINT:PRINT
690 PRINT@896,"PRESS ANY KEY TO CONTINUE";
700 A$=INKEY$:IFA$=""GOTO690
710 CLS:PRINT"****  EXPENSES  ****"
720 PRINT"INPUT YOUR EXPENSES AS THEY ARE CALLED FOR ----":PRINT
730 INPUT"FEED PURCHASES (F. 27, L.20)";C4
740 INPUT"VET., MEDICINE (F. 27, L.21)";C5
750 INPUT"BREEDING FEES & REGISTRATION (F. 27, L.22)";C6
760 INPUT"FERTILIZER, LIME (F. 27, L.23)";C7
770 INPUT"CROP CHEMICALS (F. 27, L.24)";C8
780 INPUT"SEEDS, CROP SUPPLIES (F. 27, L.25)";C9
790 INPUT"MACH. REPR., & MAINT. (F. 27, L.26)";D1
800 INPUT"BLDG. & FENCE REPR. (F. 27, L.27)";D2
810 INPUT"MACH. & TRUCK HIRE (F. 27, L.28)";D3
820 INPUT"CASH RENT (F. 27, L.29)";D4
830 CLS:PRINT"HERE IS THE INFO. YOU ENTERED:":PRINT"FEED (F. 27,
L.20)  ";C4:PRINT"VET., MEDICINE (F. 27, L.21)  ";C5:PRINT"BREEDING
FEES, REGIST. (F. 27, L.22)  ";C6:PRINT"FERT., LIME (F. 27, L.23)
";C7:PRINT"CROP CHEM. (F. 27, L.24)  ";C8
840 PRINT"SEEDS, CROP SUPPLIES (F. 27, L.25) ";C9:PRINT"MACH. REPR.,
MAINT. (F. 27, L.26)  ";D1:PRINT"BLDG. & FENCE REPR. (F. 27, L.27)
";D2:PRINT"MACH. & TRUCK HIRE (F. 27, L. 28)  ";D3:PRINT"CASH RENT
(F. 27, L.29)  ";D4:PRINT
850 PRINT@896,"ARE ALL THE ENTRIES CORRECT  (YES OR NO)
";:INPUTA$:A$=LEFT$(A$,1)
860 IFA$="Y"THEN890ELSEIFA$="N"THEN870ELSE850
870 PRINT:PRINT"IF THE ENTRY IS CORRECT, HIT 'ENTER' -- IF INCORRECT,
ENTER THE CORRECT AMOUNT AND THEN HIT 'ENTER'"
880 GOTO730
890 CLS:PRINT"CONTINUE TO INPUT EXPENSES PLEASE":PRINT
900 INPUT"POWER, FUEL, OIL, & GREASE (F. 27, L.30)";D5
910 INPUT"HIRED LABOR (F. 27, L.31)";D6
920 INPUT"INSURANCE (F. 27, L.32)";D7
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930 INPUT"TAXES (F. 27, L.33)";D8
940 INPUT"UTILITIES (F. 27, L.34)";D9
950 INPUT"TRUCK EXPENSES (F. 27, L.35)";E1
960 INPUT"AUTO EXPENSES (F. 27, L.36)";E2
970 INPUT"MISC. FARM EXPENSES (F. 27, L.37)";E3
980 INPUT"INTEREST (F. 27, L.38)";E4
990 CLS:PRINT"HERE IS THE INFO. YOU ENTERED:":PRINT"POWER, FUEL, OIL,
& GREASE (F. 27, L.30)  ";D5:PRINT"HIRED LABOR (F. 27, L.31)
";D6:PRINT"INSURANCE (F. 27, L.32)    ";D7:PRINT"TAXES (F. 27, L.33)
    ";D8:PRINT"UTILITIES (F. 27, L.34)  ";D9
1000 PRINT"TRUCK EXPENSES (F. 27, L.35)  ";E1:PRINT"AUTO EXPENSES (F.
27, L.36)   ";E2:PRINT"MISC. FARM EXPENSES (F. 27, L.37)
";E3:PRINT"INTEREST (F. 27, L.38)  ";E4:PRINT
1010 PRINT@896,"ARE ALL ENTRIES CORRECT (YES OR NO)
";:INPUTA$:A$=LEFT$(A$,1)
1020 IFA$="Y"THEN1050ELSEIFA$="N"THEN1030ELSE1010
1030 PRINT:PRINT"IF THE ENTRY IS CORRECT, HIT 'ENTER' -- IF
INCORRECT, ENTER THE CORRECT AMOUNT AND THEN HIT 'ENTER'":PRINT
1040 GOTO900
1050 CLS:PRINT"CONTINUE TO INPUT EXPENSES PLEASE":PRINT
1060 INPUT"NON-BREEDING LSK. (F. 27, L.39)";C1
1070 INPUT"NON-BREEDING LSK. (F. 27, L.40)";C2
1080 INPUT"NON-BREEDING LSK. (F. 27, L.41)";C3
1090 INPUT"BREEDING LSK. PUR. (F. 27, L.42)";E5
1100 INPUT"BREEDING LSK. PUR. (F. 27, L.43)";E6
1110 INPUT"MACH. & EQUIP. PURCH. (F. 27, L.44)";E7
1120 INPUT"LAND & BLDG. IMPROVEMENTS (F. 27, L.45)";E8
1130 CLS:PRINT"HERE IS THE INFO. YOU ENTERED:":PRINT"NON-BREEDING
LSK. (F. 27, L.39)  ";C1:PRINT"NON-BREEDING LSK. (F. 27, L.40)
";C2:PRINT"NON-BREEDING LSK. (F. 27, L41)   ";C3:PRINT"BREEDING STOCK
PURCH. (F. 27, L.42)  ";E5
1140 PRINT"BREEDING STOCK PUR. (F. 27, L.43)    ";E6:PRINT"MACH. &
EQUIP. PURCH. (F. 27, L.44)  ";E7:PRINT"LAND & BLDG. IMPROV. (F. 27,
L. 45)  ";E8:PRINT
1150 PRINT@896,"ARE ALL ENTRIES CORRECT (YES OR NO)
";:INPUTA$:A$=LEFT$(A$,1)
1160 IFA$="Y"THEN1190ELSEIFA$="N"THEN1170ELSE1150
1170 PRINT:PRINT"IF THE ENTRY IS CORRECT, HIT 'ENTER' -- IF
INCORRECT, ENTER THE CORRECT AMOUNT AND THEN HIT
'ENTER'":PRINT:PRINT:PRINT
1180 GOTO1060
1190 PRINT
1200 NL=C1+C2+C3:REMNL=NON-BREEDINGLSK.EXP.
1210
OE=C4+C5+C6+C7+C8+C9+D1+D2+D3+D4+D5+D6+D7+D8+D9+E1+E2+E3+E4:REMOE=OPER
ATINGEXP.
1220 BL=E5+E6:REMBL=BREEDINGLSK.EXP.
1230 REME7=MACH.&EQUIP.EXP.
1240 REME8=LAND&BLDG.EXP.
1250 E=NL+OE+BL+E7+E8
1260 CLS:PRINT:PRINT:PRINT"TOTAL FARM EXPENSES EQUALS  $";E:PRINT"
  (SHOULD BE THE SAME AS LINE G, FORM 27)
1270 GC=R-E
1280 PRINT:PRINT"GROSS CASH INCOME EQUALS  $";GC:PRINT:PRINT
1290 PRINT@896,"PRESS ANY KEY TO CONTINUE";
1300 A$=INKEY$:IFA$=""GOTO1290
1310 CLS:PRINT"PLEASE REFER TO FORM 16 - LSK. INV. - FOR THE
FOLLOWING ENTRIES":PRINT
1320 INPUT"BEGINNING SWINE INV. VALUE (F. 16, L.11)";F1
1330 INPUT"ENDING SWINE INV. VALUE (F. 16, L.11)";F2
1340 INPUT"BEGINNING BEEF INV. VALUE (F. 16, L.24)";F3
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1350 INPUT"ENDING BEEF INV. VALUE (F. 16, L.24)";F4
1360 INPUT"BEGINNING DAIRY INV. VALUE (F. 16, L.36)";F5
1370 INPUT"ENDING DAIRY INV. VALUE (F. 16, L.36)";F6
1380 INPUT"BEGINNING VALUE OTHER LSK. (F. 16, L.43)";F7
1390 INPUT"ENDING VALUE OTHER LSK. (F. 16, L.43)";F8
1400 CLS:PRINT"HERE IS THE INFO. YOU ENTERED:":PRINT"BEG. SWINE VALUE
(F. 16, L.11)    ";F1:PRINT"ENDING SWINE VALUE (F. 16, L.11)
";F2:PRINT"BEG. BEEF VALUE (F. 16, L.24)     ";F3:PRINT"ENDING BEEF
VALUE (F. 16, L.24)   ";F4
1410 PRINT"BEG. DAIRY VALUE (F. 16, L36)     ";F5:PRINT"ENDING DAIRY
VALUE (F. 16, L.36)  ";F6:PRINT"BEG. VALUE OTHER LSK. (F. 16, L.43)
 ";F7:PRINT"ENDING VALUE OTHER LSK. (F. 16, L.43)  ";F8:PRINT
1420 PRINT@896,"ARE ALL ENTRIES CORRECT (YES OR NO)
";:INPUTA$:A$=LEFT$(A$,1)
1430 IFA$="Y"THEN1460ELSEIFA$="N"THEN1440ELSE1420
1440 PRINT:PRINT"IF THE ENTRY IS CORRECT, HIT 'ENTER' -- IF
INCORRECT, ENTER THE CORRECT AMOUNT AND THEN HIT 'ENTER'":PRINT:PRINT
1450 GOTO1320
1460 CLS:PRINT"PLEASE REFER TO FORM 17 - INV. OF FEED, CROPS, &
SUPPLIES FOR   THE FOLLOWING ENTRIES":PRINT
1470 INPUT"TOTAL BEGINNING VAL. PUR. FEEDS (L.7)";G1
1480 INPUT"TOTAL ENDING VAL. PUR. FEEDS (L.7)";G2
1490 INPUT"TOTAL BEGINNING VAL. STORED CROPS (L.18)";G3
1500 INPUT"TOTAL ENDING VAL. STORED CROPS (L.18)";G4
1510 INPUT"TOTAL BEGINNING VAL. GROWING CROPS (L.21)";G5
1520 INPUT"TOTAL ENDING VAL. GROWING CROPS (L.21)";G6
1530 INPUT"TOTAL BEGINNING VAL. CROP SUPPLIES (L.36)";G7
1540 INPUT"TOTAL ENDING VAL. CROP SUPPLIES (L.36)";G8
1550 INPUT"TOTAL BEGINNING VAL. LSK. SUPPLIES (L.43)";G9
1560 INPUT"TOTAL ENDING VAL. LSK. SUPPLIES (L.43)";G0
1570 CLS:PRINT"HERE IS THE INFO. YOU ENTERED:":PRINT"BEG. VAL. PUR.
FEEDS (L.7)   ";G1:PRINT"ENDING VAL. PUR FEEDS (L.7)  ";G2:PRINT"BEG.
VAL. STORED CROPS (L.18)    ";G3:PRINT"ENDING VAL. STORED CROPS
(L.18)  ";G4
1580 PRINT"BEGINNING VAL. GROWING CROPS (L.21)  ";G5:PRINT"ENDING
VAL. GROWING CROPS (L.21)     ";G6:PRINT"EEGINNING VAL. CROP SUPPLIES
(L.36)  ";G7:PRINT"ENDING VAL. CROP SUPPLIES (L.36)
";G8:PRINT"BEGINNING VAL. LSK. SUPPLIES (L.43)  ";G9
1590 PRINT"ENDING VAL. LSK. SUPPLIES (L.43)     ";G0
1600 PRINT@960,"ARE ALL ENTRIES CORRECT (YES OR NO)
";:INPUTA$:A$=LEFT$(A$,1)
1610 IFA$="Y"THEN1640ELSEIFA$="N"THEN1620ELSE1600
1620 PRINT:PRINT"IF THE ENTRY IS CORRECT HIT 'ENTER' -- IF INCORRECT,
ENTER THE CORRECT AMOUNT AND THEN HIT 'ENTER'":PRINT
1630 GOTO1460
1640 CLS:PRINT"REFER TO FORM 13-14 FOR THE FOLLOWING VALUES":PRINT
1650 INPUT"TOTAL BOOK VALUE OF MACHINERY & EQUIPMENT AT THE BEGINNING
OF   THE YEAR";H1
1660 INPUT"TOTAL BOOK VALUE OF MACHINERY & EQUIPMENT AT THE END OF
THE     YEAR";H2
1670 PRINT@960,"ARE THE ENTRIES CORRECT (YES OR NO)
";:INPUTA$:A$=LEFT$(A$,1)
1680 IFA$="Y"THEN1690ELSEIFA$="N"THEN1640ELSE1670
1690 CLS:PRINT"REFER TO FORM 18 - REAL ESTATE RECORD FOR THE
FOLLOWING VALUES":PRINT
1700 INPUT"TOTAL VALUE OF REAL ESTATE AT THE BEGINNING OF THE YEAR -
INCL. IMPROVEMENTS";I1
1710 INPUT"TOTAL VALUE OF REAL ESTATE AT THE END OF THE YEAR -
INCLUDING   IMPROVEMENTS";I2
1720 PRINT@960,"ARE THE ENTRIES CORRECT (YES OR NO)
";:INPUTA$:A$=LEFT$(A$,1)
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1730 IFA$="Y"THEN1740ELSEIFA$="N"THEN1690ELSE1720
1740 F=(F2-F1)+(F4-F3)+(F6-F5)+(F8-F7)
1750 G=(G2-G1)+(G4-G3)+(G6-G5)+(G8-G7)+(G0-G9)
1760 H=H2-H1
1770 I=I2-I1
1780 J=F+G+H+I
1790 CLS:INPUT"ENTER THE VALUE OF HOME USED PRODUCTS";K
1800 PRINT@960,"IS THE ENTRY CORRECT (YES OR NO)
";:INPUTA$:A$=LEFT$(A$,1)
1810 IFA$="Y"THEN1820ELSEIFA$="N"THEN1790ELSE1800
1820 NF=GC+J+K
1830 RC=NF+E4
1840 CLS:INPUT"ENTER THE COST OF ALL ITEMS YOU PURCHASED FOR
RESALE";R1
1850 INPUT"ENTER THE AMOUNT RECEIVED FOR THOSE SAME ITEMS WHEN YOU
SOLD    THEM";R2
1860 PRINT@960,"ARE THE ENTRIES CORRECT (YES OR NO)
";:INPUTA$:A$=LEFT$(A$,1)
1870 IFA$="Y"THEN1880ELSEIFA$="N"THEN1840ELSE1860
1880 R3=R2-R1
1890 CLS:INPUT"ENTER THE HOURS OF UNPAID OPERATOR LABOR LAST YEAR";L1
1900 INPUT"ENTER THE VALUE OF UNPAID OPERATOR LABOR LAST YEAR";L2
1910 INPUT"ENTER THE HOURS OF UNPAID FAMILY LABOR LAST YEAR";L3
1920 INPUT"ENTER THE VALUE OF UNPAID FAMILY LABOR LAST YEAR";L4
1930 INPUT"ENTER THE HOURS OF HIRED LABOR PURCHASED LAST YEAR --
INCLUDE   PAID FAMILY LABOR";L5
1940 PRINT@960,"ARE THE ENTRIES CORRECT (YES OR NO)
";:INPUTA$:A$=LEFT$(A$,1)
1950 IFA$="Y"THEN1960ELSEIFA$="N"THEN1890ELSE1940
1960 L6=L1+L3+L5
1970 L7=L2+L4
1980 L8=L6/2400
1990 'RETURNTOTOTALFARMCAPITAL
2000 FC=RC-L7
2010 'PERCENTRETURNONTOTALFARMCAPITAL
2020 CLS:PRINT"REFER TO FORM 28 - FINANCIAL STATEMENT FOR THE
FOLLOWING VALUES":PRINT
2030 INPUT"TOTAL FARM CURRENT ASSETTS - BEGN. OF YR. (F. 28,
L.25)";CA
2040 INPUT"TOTAL FARM CURRENT ASSETTS - END OF YR. (F. 28, L.25)";CB
2050 INPUT"TOTAL FARM ASSETTS - BEGN. OF YR. (F. 28, L.36)";TA
2060 INPUT"TOTAL FARM ASSETTS - END OF YR. (F. 28, L.36)";TB
2070 INPUT"TOTAL FARM CURRENT LIAB. - BEGN. OF YR. (F. 28, L.70)";CL
2080 INPUT"TOTAL FARM CURRENT LIAB. - END OF YR. (F. 28, L.70)";CM
2090 INPUT"TOTAL FARM LIAB. - BEGN. OF YR. (F. 28, L.81)";TL
2100 INPUT"TOTAL FARM LIAB. - END OF YR. (F. 28, L.81)";TM
2110 PRINT@960,"ARE THE VALUES CORRECT (YES OR NO)
";:INPUTA$:A$=LEFT$(A$,1)
2120 IFA$="Y"THEN2130ELSEIFA$="N"THEN2020ELSE2110
2130 IFTA=0ANDTB=0THENPR=0ELSEPR=FC/((TA+TB)/2)*100
2140 'PERCENTRETURNONFARMNETWORTH
2150 NW=TA-TL
2160 WW=TB-TM
2170 AW=(NW+WW)/2
2180 IFAW=0THEN2210
2190 PN=(FC-E4)/AW*100
2200 'VALUEOFFARMPRODUCTION
2210 OS=CS+MR+NB+LP:REMOS=TOTALOPERATINGSALES
2220 SB=B6+B7+B8-E5-E6:REMSB=GAIN(LOSS)ONSALEOFBREEDINGLSK.
2230 VP=OS+R3+SB+G+F-C4-NL:REMVP=VALUEOFFARMPRODUCTION
2240 IFL8=0THEN2260
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2250 VM=VP/L8:REMVM=VALUEOFFARMPROD.PERMAN
2260 IFVP=0THEN2290
2270 YR=((TA+TB)/2)/VP:REMYR=RATEOFCAPITALTURNOVER(YEARS)
2280 REMFINANCIALANALYSIS
2290 IFCM=0THEN2310
2300 LQ=CB/CM:REMLQ=CURRENTRATIO(LIQUIDITY)
2310 WC=CB-CM:REMWC=DOLLARSOFWORKINGCAPITAL
2320 IFTM=0THEN2340
2330 AL=TB/TM:REMAL=ASSET:LIABILITYRATIO
2340 IFWW=0THEN2360
2350 LV=TM/WW:REMLV=DEBT:NETWORTHRATIO(LEVERAGE)
2360 CLS:PRINT:INPUT"************ TURN THE PRINTER ON AND ADJUST THE
PAPER **********                          PRESS <ENTER> WHEN READY   ";A$
2370 GOSUB2460
2380 CLS:PRINT@320,"DO YOU WANT ANOTHER COPY OF THE PRINTOUT  (YES OR
NO)  ";:INPUTA$:A$=LEFT$(A$,1)
2390 IFA$="Y"THEN2460ELSEIFA$="N"THEN2400ELSE2380
2400 CLS:PRINT"**************   WHAT DO YOU WANT TO DO NOW
**************
==========================================================          1
==  RUN THIS PROGRAM AGAIN                                        2  ==
RUN THE LIVESTOCK ANALYSIS PROG. (FORM 59)"
2410 PRINT"   3  ==  RUN THE CROP ANALYSIS PROGRAM  (FORM 60)
        4  ==  QUIT USING THE COMPUTER FOR NOW"
2420 PRINT@640,"WHAT DO YOU WANT TO DO (ENTER 1, 2, 3, OR
4)";:INPUTXX:IFXX<1ORXX>4PRINT@640,CHR$(31):GOTO2420
2430 ONXXGOTO10,2440,2450,3150
2440 RUN"FORM59"
2450 RUN"FORM60"
2460 GOSUB3030
2470 LPRINTTAB(32)"*** RECEIPTS ***"
2480 LPRINTTAB(10)USINGX$;"CROP SALES";CS
2490 LPRINTTAB(10)USINGX$;"MISC. RECEIPTS";MR
2500 LPRINTTAB(10)USINGX$;"NON-BREEDING LSK. SALES";NB
2510 LPRINTTAB(10)USINGX$;"LIVESTOCK PRODUCTS SALES";LP
2520 LPRINTTAB(10)USINGX$;"CAPITAL SALES";CP
2530 LPRINTTAB(10)USINGX$;"TOTAL FARM RECEIPTS";R
2540 LPRINTTAB(6)STRING$(68,"*")
2550 LPRINTTAB(30)"*** EXPENDITURES ***"
2560 LPRINTTAB(10)USINGX$;"NON-BREEDING LIVESTOCK";NL
2570 LPRINTTAB(10)USINGX$;"OPERATING EXPENDITURES";OE
2580 LPRINTTAB(10)USINGX$;"BREEDING LIVESTOCK";BL
2590 LPRINTTAB(10)USINGX$;"MACHINERY & EQUIPMENT PURCHASES";E7
2600 LPRINTTAB(10)USINGX$;"LAND & BLDG. IMPROVEMENT EXP.";E8
2610 LPRINTTAB(10)USINGX$;"TOTAL FARM EXPENDITURES";E
2620 LPRINTTAB(10)USINGX$;"GROSS CASH INCOME";GC
2630 LPRINTTAB(6)STRING$(68,"*")
2640 LPRINTTAB(25)"*** CHANGES IN INVENTORIES ***"
2650 LPRINTTAB(10)USINGX$;"LIVESTOCK (FORM 16)";F
2660 LPRINTTAB(10)USINGX$;"FEED, CROP SUPPLIES (FORM 17)";G
2670 LPRINTTAB(10)USINGX$;"LAND & BLDG.IMPRV. (FORM 18)";I
2680 LPRINTTAB(10)USINGX$;"TOTAL INVENTORY CHANGE";J
2690 LPRINTTAB(10)USINGX$;"VALUE OF HOME USED PRODUCTS";K
2700 LPRINTTAB(10)USINGX$;"NET FARM INCOME";NF
2710 LPRINTTAB(6)STRING$(68,"*")
2720 LPRINTTAB(29)"FARM BUSINESS ANALYSIS"
2730 LPRINTTAB(6)STRING$(68,"*")
2740 LPRINTTAB(10)USINGX$;"INTEREST PAID";E4
2750 LPRINTTAB(10)USINGX$;"RETURN TO FARM CAPITAL & FAMILY LABOR";RC
2760 LPRINTTAB(6)STRING$(68,"*")
2770 LPRINTTAB(25)"FARM LABOR",;"HOURS",;"VALUE"
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2780 LPRINTTAB(10)USINGY$;"UNPAID OPERATOR";L1;L2
2790 LPRINTTAB(10)USINGY$;"UNPAID FAMILY";L3;L4
2800 LPRINTTAB(10)USINGW$;"TOTAL HIRED LABOR";L5
2810 LPRINTTAB(10)USINGY$;"TOTAL FARM LABOR";L6;L7
2820 L8=INT(L8*100+.5)/100
2830 LPRINTTAB(10)USINGW1$;"TOTAL MAN YEARS OF LABOR";L8
2840 LPRINTTAB(10)USINGX$;"RETURN TO TOTAL FARM CAPITAL";FC
2850 PR=INT(PR*100+.5)/100
2860 LPRINTTAB(10)USINGW1$;"% RETURN ON TOTAL FARM CAPITAL";PR
2870 PN=INT(PN*100+.5)/100
2880 LPRINTTAB(10)USINGW1$;"% RETURN ON FARM NET WORTH";PN
2890 LPRINTTAB(10)USINGX$;"VALUE OF FARM PRODUCTION";VP
2900 LPRINTTAB(10)USINGX$;"VALUE OF FARM PROD. PER MAN";VM
2910 YR=INT(YR*100+.5)/100
2920 LPRINTTAB(10)USINGW1$;"RATE OF CAPITAL TURNOVER (YEARS)";YR
2930 LPRINTTAB(6)STRING$(68,"*")
2940 LPRINTTAB(22)"*** FINANCIAL STATEMENT ANALYSIS ***"
2950 LQ=INT(LQ*100+.5)/100
2960 LPRINTTAB(10)USINGW1$;"CURRENT RATIO";LQ
2970 LPRINTTAB(10)USINGX$;"DOLLARS OF WORKING CAPITAL";WC
2980 AL=INT(AL*100+.5)/100
2990 LPRINTTAB(10)USINGW1$;"TOTAL ASSET:LIABILITY RATIO
(SOLVENCY)";AL
3000 LV=INT(LV*100+.5)/100
3010 LPRINTTAB(10)USINGW1$;"DEBT:NET WORTH RATIO (LEVERAGE)";LV
3020 LPRINT:LPRINT:LPRINT:LPRINT:LPRINT:LPRINT:CLS:GOTO2380
3030 LPRINTTAB(6)STRING$(68,"*"):LPRINTTAB(6)"**"TAB(25)"MYFA -- FARM
BUSINESS ANALYSIS"TAB(72)"**"
3040 LPRINTTAB(6)"**"TAB(23)"PROFIT & LOSS STATEMENT &
ANALYSIS"TAB(72)"**"
3050 LPRINTTAB(6)STRING$(68,"*")
3060 LPRINTTAB(6)"**"TAB(23)"PREPARED FOR:  ";N$;TAB(72)"**"
3070 LPRINTTAB(6)"**"TAB(36)"  ";R$;TAB(72)"**"
3080 LPRINTTAB(6)"**"TAB(36)"  ";C$;TAB(72)"**"
3090 LPRINTTAB(6)STRING$(68,"*")
3100 LPRINTTAB(6)"**"TAB(34)"Prepared By:"TAB(72)"**"
3110 LPRINTTAB(6)"**"TAB(15)"** CALIFORNIA VOCATIONAL AGRICULTURE
DEPARTMENT **"TAB(72)"**"
3120 LPRINTTAB(6)"**"TAB(18)"CALIFORNIA HIGH SCHOOL, CALIFORNIA, MO
65018"TAB(72)"**"
3130 LPRINTTAB(6)STRING$(68,"*")
3140 RETURN
3150 CLS:PRINT@640,"**********  PROGRAM TERMINATED  =====> GOOD BYE
***********"
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